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February 16, 2016

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: January 2016 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.42

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in January 2016 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **January 6** – Anchor QEA submitted the distributed temperature sensing (DTS) focused investigation data report for the Gasco Sediments Site.
- **January 15** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **January 20** – Anchor QEA performed the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submit the February monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.
- Submittal of the Gasco Sediments Site Capping Demonstration Memorandum.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:
Bob Wyatt, NW Natural
Patty Dost, Pearl Legal Group PC
Myron Burr, Siltronic Corporation

Ilene Gaekwad and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ

Dan Hafley, DEQ



Visual Observations Log Form

Date January 20, 2016 **Project Number:** 000029-02.42 Task 4b

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly (Year 10)— January 2016

Time Observations Started: January 20, 2016 @ 12:30 **Time Observation Concluded:** January 20, 2016 @ 13:30

Weather Conditions: Cloudy, 50° fahrenheit, calm wind.

Wave Action Observations: Little wave action (0.1 – 0.3 feet in height), turbid water.

Photographs Taken: ☒ Yes ☐ No

Tidal Conditions: Willamette River level on 1/20/16 ranged in elevation from 7.28 to 8.65 feet. The Willamette River level during photos was approximately 8.23 feet measured at 13:00 (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition: No erosion/deposition is evident along the shoreline. The shoreward extent of the cap was not visible due to high river water elevation and the extents of the organoclay mat material were also submerged. (Photo 1).

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) During the observation, the FAMM containment boom was placed across the cap area, from dock to an anchor point riverward of the dolphin. Two buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview of the site shoreline is shown in Photo 2.

Other Comments: No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by: **Douglas Laffoon**

Photo 1 — *River level currently above the extents of pilot cap area. (1/20/16):*



Photo 2 — *FAMM oil boom placement and mariner warning buoys identifying the pilot cap area. (1/20/16):*



Photo 3 — *Conditions immediately downriver of pilot cap area (1/20/16):*

